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MONTHLY  
BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
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AFRICAN HORSE SICKNESS

- FASSI-FEHRI, M., MOUSLIFI, M., and NGUYEN THANH CAC  
Some aspects of African horse sickness in Morocco.  
Maroc. Med. 47:112-119, 1967 (F.e.).  
Vet. Bull. 37(11):827(4694), 1967. PIL
- GOLDSMIT, L.  
Immunization of horses against African horse-sickness with attenuated neurotropic viral strains propagated in chicken embryos.  
Amer. J. Vet. Res. 29(1):133-141, 1968. PIL
- JOUBERT, L.  
The Morocco epidemic of African horse sickness and protection of France against infection.  
Revue Med. Vet. 118:49-57, 1967 (F.).  
Index Vet. 35(1):108, 1967. PIL
- MAURICE, Y., and PROVOST, A.  
Sondages serologiques sur les arboviroses animales en Afrique Centrale (peste equine, blue tongue, maladie de Wesselbronn, fièvre de la Vallée du Rift).  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:219, 1967. SF 605 I48
- MIRCHAMSY, H., and TASLIMI, H.  
Serological responses of horse to polyvalent tissue-culture adapted African horse sickness virus vaccine.  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.2:793, 1967. SF 605 I48
- OZAWA, Y., and HAZRATI, A.  
Post-vaccination reactions in donkeys vaccinated with African horse-sickness polyvalent vaccines.  
Bull. Office Int. Epizoot. 67(7-8):949-959, 1967. PIL

100

100

100

100

100

100

100

AFRICAN HORSE SICKNESS

-2-

STELLMANN, C., and others.\*

La peste equine africaine (Pestis equorum).

(A review of African horse sickness.)

English conclusion, p. 937-938.

Bibliography, p. 939-947.

Bull. Office Int. Epizoot. 67(7-8):887-947, 1967.

\*H. Mirchamsy, H. Gilbert, and J. Santucci.

PIL

AFRICAN SWINE FEVER

BOLDRINI, G.

La peste suina africana in Europa. Una situazione di emergenza che si aggrava. (African swine fever in Europe. An emergency situation which became more serious.)

Vet. Ital. 18(3-4):238-261, 1967.

Cited in bibliography, p. 1040.

Bull. Office Int. Epizoot. 67(7-8):1035-1063, 1967.

PIL

BURBA, L.G.

Anatomic-pathologie du poumon dans la peste porcine africaine experimentale (Anatomical-pathology of pulmon in experimental African swine fever).

Doc. Conf. Sci. Annu. Inst. Vet. Exp. U.S.S.R., 1966.

Cited in bibliography, p. 1041

Bull. Office Int. Epizoot. 67(7-8):1035-1063, 1967.

PIL

CONCELLON MARTINEZ, D.A.

La peste porcina africana y clasica. Metodos de diagnostico y lucha contra los mismos. (Classic and African swine fever. Their diagnostical methods and control.)

Aedos Edit., Barcelona, 1965.

Cited in bibliography, p. 1042.

Bull. Office Int. Epizoot. 67(7-8):1035-1063, 1967.

PIL

HAAG, J.

Le diagnostic differentiel des pestes porcines.

English summary.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.2:587-590, 1967.

605 148

KOVALENKO, J.R., SIDOROV, M.A., and BURBA, L.G.

Quelques aspects de la pathogenie de la peste porcine africaine (Some aspects of the pathogenicity of African swine fever).

Veterinariya, Moscou 43(2):39-41, 1967.

Bull. Office Int. Epizoot. 67(7-8):1103-1104, 1967.

PIL



AFRICAN SWINE FEVER

LARENAUDIE, B., and others.\*

Etude en microscopie electronique de l'hé-  
madsorption provoquée par le virus de la  
peste porcine africaine (Electron micro-  
scopic study of the hemadsorption due to  
African swine fever virus).

English summary, p. 935.

Rec. Med. Vet. (Alfort) 143(10):925-935, 1967.

\*M.-C. Toulhier, J. Santucci, and R. Carnero.

PIL

MENDES, A.M.

Contribuicao para o estudo da peste suína, tipo  
africana. (Contribution to the study of  
swine fever, African type.)  
Rev. Estud. g. Univ. Mocambique, Lourenco  
Marques 3(Serie IV. Ciencias veterinarias):  
141-329, 1966.

Cited in bibliography, p. 1055.

Bull. Office Int. Epizoot. 67(7-8):1035-1063, 1967.

PIL

MONDINI, S.

A cry of fear by all breeders—African swine fever  
has penetrated Italy.

(It) Suinicoltura 8(5/6):37-38, 1967.

Bibliogr. Agr. 31(11):149(87184), 1967.

PIL

O.I.E. REUNION DE CONSULTATION ET D'INFORMATION  
SUR LA PESTE PORCINE AFRICAINE. Paris,  
April 19-20, 1967.

Liste des participants, p. 999-1001.

Compte rendu des seances, p. 1002-1025.

Conclusions, p. 1026-1028; in English, p. 1029-1031.

Bibliographie sur la peste porcine africaine,  
p. 1035-1063.

Bull. Office Int. Epizoot. 67(7-8):999-1063, 1967.

PIL

BORNA DISEASE

DAUBNEY, R.

Viral encephalitis of equines and domestic  
ruminants in the Near East—Part II.

Res. Vet. Sci. 8(4):419-439, 1967.

PIL

BOVINE MAMMILLITIS

MARTIN, W.B., and others.\*

Further studies on bovine mammillitis virus.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.2:791, 1967.

\*B. Martin, D. Hay, and I.M. Lauder.

SF 605 I48

RWEYEMAMU, M.M., and JOHNSON, R.H.

Bovine herpes mammillitis virus. I. In-vitro  
behaviour of the virus.

Brit. Vet. J. 123(11):482-491, 1967.

PIL



CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

BUTTERY, S.H.

A growth medium for mycoplasmas and its modification for longer survival of M. mycoides in culture.

Bull. Epizoot. Dis. Afr. 15(3):227-230, 1967.

PIL

De SIMON, M., and others.\*

Contributii la studiul capacitatii fermentative a culturilor de Mycoplasma agalactiae.

(Contribution to the study of the fermentative capacity of cultures of Mycoplasma agalactiae.)  
English summary, p. 139.

In: Lucrarile Institutului de Cercetari  
Veterinare si Biopreparate "Pasteur"  
Vol. 4(3-4):133-140, 1965 (1967).

\*Olga Ursache, V. Paduraru, and A. Radulescu.

SF 745 I6

GRIGORIU, N., De SIMON, M., and PADURARU, V.

Asupra adsorbtiei culturilor in bulion de Mycoplasma agalactiae de catre hidroxidul de aluminiu. (Study concerning the adsorption of cultures in broth of Mycoplasma agalactiae by hydroxide of aluminium.)  
English summary, p. 131.

In: Lucrarile Institutului de Cercetari  
Veterinare si Biopreparate "Pasteur"  
Vol. 4(3-4):123-132, 1965 (1967).

SF 745 I6

CONTAGIOUS BOVINE PLEUROPNEUMONIA

BUTTERY, S.H.

A growth medium for mycoplasmas and its modification for longer survival of M. mycoides in culture.

Bull. Epizoot. Dis. Afr. 15(3):227-230, 1967.

PIL

CAMARA, A.

Le traitement de la peripneumonie contagieuse du boeuf par les antibiotiques - Etude clinique.  
(Treatment of contagious bovine pleuropneumonia with antibiotics - Clinical study.)

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.2:779, 1967.

SF 605 I48

DICOK, G.

Le peripneumonie contagieuse bovine dans la Republique de Cote-d'Ivoire. (Contagious bovine pleuropneumonia in the Ivory Coast Republic.)

Thesis, Lyon pp. 100, 1966 (F.).

Index Vet. 35(1):49, 1967.

PIL

HUDSON, J.R.

A discussion on vaccination against contagious bovine pleuropneumonia.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:423-426, 1967.

SF 605 I48



CONTAGIOUS BOVINE PLEUROPNEUMONIA

KNOWLES, J.R.

Report to the Government of Ethiopia on  
veterinary services and disease control.  
Rome, Food Agr. Organ. UN, UN Develop. Program.  
FAO Rep. No. TA 2363, 41 p., 1967.

#6923

LINDLEY, E.P.

Simultaneous vaccination of cattle with contagious  
bovine pleuropneumonia and goat-adapted  
rinderpest vaccine.  
Bull. Epizoot. Dis. Afr. 15(3):221-226, 1967.

PIL

PROVOST, A.

Etat actuel de l'immunisation active contre la  
peripneumonie bovine.  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:431, 1967.

SF 605 I48

PROVOST, A.

Etat actuel de l'immunisation active dans la  
peripneumonie.  
English summary.  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:427-430, 1967.

SF 605 I48

DUCK PLAGUE

CLINES, F.X.

Wild ducks found with fatal virus. Deadly sickness  
discovered on eastern Long Island.  
N.Y. Times, December 25, 1967.

#6925/1

WILLIAMS, L.

Virus strikes ducks again. Fatal duck virus infects  
wild flock.  
Suffolk Sun, December 22, 1967.

#6925/2

EAST COAST FEVER

HAN, T.W., and KIM, S.K.

Survey of Theileria mutans infection of cattle  
in Korea and experimental infection of calves.  
Res. Rep. Off. rur. Dev., Suwan, Lorea 8(3):  
109-120, 1965 (Korean, e.).  
Index Vet. 35(1):91, 1967.

PIL

MATSON, B.A.

Proper control of brown ticks urged.  
[Chemical control of Rhipicephalus vector of  
theileriasis in cattle.]  
Mod. Farming Cent. Afr., Feb. 1966:41.  
Bibliogr. Agr. 31(11):182(88195), 1967.

PIL



EAST COAST FEVER

MATSON, B.A.

Theileriosis due to *Theileria parva*, *T. lawrencei*  
and *T. mutans*. Bibliography 1897-1966.

Weybridge: Commonwealth Bureau of Animal  
Health, pp. 44, 1967.

Vet. Bull. 37(11):819(4647), 1967.

PIL

MESHCHERYAKOVA, V.D.

*Ixodes ricinus* and *Rhipicephalus bursa* as  
vectors of *Theileria sergenti* infection  
in cattle.

Veterinariya, Moscow No. 1:59-62, 1967 (R.).

Index Vet. 35(1):133, 1967.

PIL

YEOMAN, G.H.

Field vector studies of epizootic East Coast  
fever. IV.—The occurrence of *R. evertsi*,  
*R. pravus*, *R. simus* and *R. sanguineus* in  
the East Coast fever zones.

Bull. Epizoot. Dis. Afr. 15(3):189-212, 1967.

PIL

FOOT-AND-MOUTH DISEASE

ANDREEV, E.V., TOLSTYAK, I.E., and BAKUMENKO, M.D.

Plasticheskie svoistva mel'chaishikh organizmov  
na primere virusa yashchura. (Properties of  
flexibility of the tiniest organisms exemplified  
by the virus of foot-and-mouth disease.)

In: O prirode virusov. (The nature of viruses.)

Nauka: Moscow. 208-214, 1966. From: REF ZH BIOL,  
1966, No. 11B180.

Biol. Abstr. 48(19):8641(97015), 1967.

PIL

ANDRIEVSKII, V.Ya., and RED'KIN, I.P.

Effect of foot and mouth disease on reproductive  
function in cows.

Veterinariya, Moscow No. 1:84-86, 1967 (R.).

Index Vet. 35(1):8, 1967.

PIL

ANON.

Meth foot-and-mouth disease test.

[Virus cattle.]

Anim. Nutr. Health 22(6):20, 1967.

Biores. Index No. 10:3982(51217), 1967.

PIL

ARLINGHAUS, R.B., and POLATNICK, J.

Detergent-solubilized RNA polymerase from cells  
infected with foot-and-mouth disease virus.

Science 158(3806):1320-1322, 1967.

PIL

ASSO, J., GORHE, D.S., and AYNAUD, J.M.

Les composants du pouvoir pathogene du virus  
aphtueux: resultat de l'etude des facteurs  
d'identification des mutants non pathogenes.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:395, 1967.

SF 605 I48



FOOT-AND-MOUTH DISEASE

BELLETT, A.J.D.

The use of computer-based quantitative comparisons of viral nucleic acids in the taxonomy of viruses: a preliminary classification of some animal viruses.

J. Gen. Virol. 1(4):583-585, 1967.

PIL

BROOKSBY, J.B.

The influence of tissue culture in the development of foot-and-mouth disease vaccines.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:379-382, 1967.

SF 605 I48

BURROWS, R.

The persistence of foot-and-mouth disease virus in domestic animals.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.2:778, 1967.

SF 605 I48

CHICCHINI, U., and CHIACCHIARINI, P.

Semen quality and histological aspects of the testes of bulls with foot and mouth disease.

Annali Fac. Med. Vet. Torino 15:207-219, 1965 (I.e.f.).

Index Vet. 35(1):37, 1967.

PIL

DURAND, M., and others.\*

Etude d'agents alkylants pour l'inactivation des virus aphteux et la preparation d'un nouveau vaccin inactive.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:399, 1967.

\*M. Giraud, J. Poul, B. Guilloteau, M. Pesson, and P. Prunet.

SF 605 I48

FRATTINI, J.F., CAMPION, R.L., and MAZZINI, C.A.

Estudio inmunquimico en fiebre aftosa. Fraccionamiento por flujo continuo y electroforesis en papel de sueros de bovinos hiperinmunes y vacunados.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:398, 1967.

SF 605 I48

FREDERIKS, H.H.J.

Report to the Government of India on foot-and-mouth disease control.

Rome, Food Agr. Organ. UN, UN Develop. Program. FAO Rep. No. TA 2353, 26 p., 1967.

#6922

GIZATULLIN, Kh.G.

On non-specific stimulation of immunogenesis in animals vaccinated against foot-and-mouth disease.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:395, 1967.

SF 605 I48



FOOT-AND-MOUTH DISEASE

GOMEZ U., D., and MATTOS, R. de Vigil

Las enfermedades vesiculares en el Peru durante los anos 1964-1965. (Vesicular diseases in Peru during the years 1964-1965.) English summary, p. 73-74.

Rev. Centro Nac. Patol. Anim. (Peru) 6(10): 66-74, 1966.

CIRC.FILE

## GREAT BRITAIN.

Slaughter or vaccination?

[ "The most severe outbreak of foot and mouth disease ever to occur in Britain is at last being brought under some semblance of control. ...." ]  
Nature(Lond.) 216(5120):1057-1059, 1967.

PIL

HESS, E.

Epidemiology.

Schweiz. Arch. Tierheilk. 109:324-331, 1967.

English summary.

Vet. Bull. 37(11):821(4655), 1967.

PIL

HYSLOP, N. St G.

Immunogenic differences between two strains of foot-and-mouth disease virus (type A) originally exotic to Europe.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:396, 1967.

SF 605 I48

IFTIMOVICI, R., IFTIMOVICI, M., and DOHOTARU, V.

L'infection inapparente de l'homme avec le virus de la fievre aphteuse.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:219, 1967.

SF 605 I48

IFTIMOVICI, R., IFTIMOVICI, M., and DOHOTARU, V.

La susceptibilite de quelques cellules animale et humaines a l'infection avec le virus aphteux.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:396, 1967.

SF 605 I48

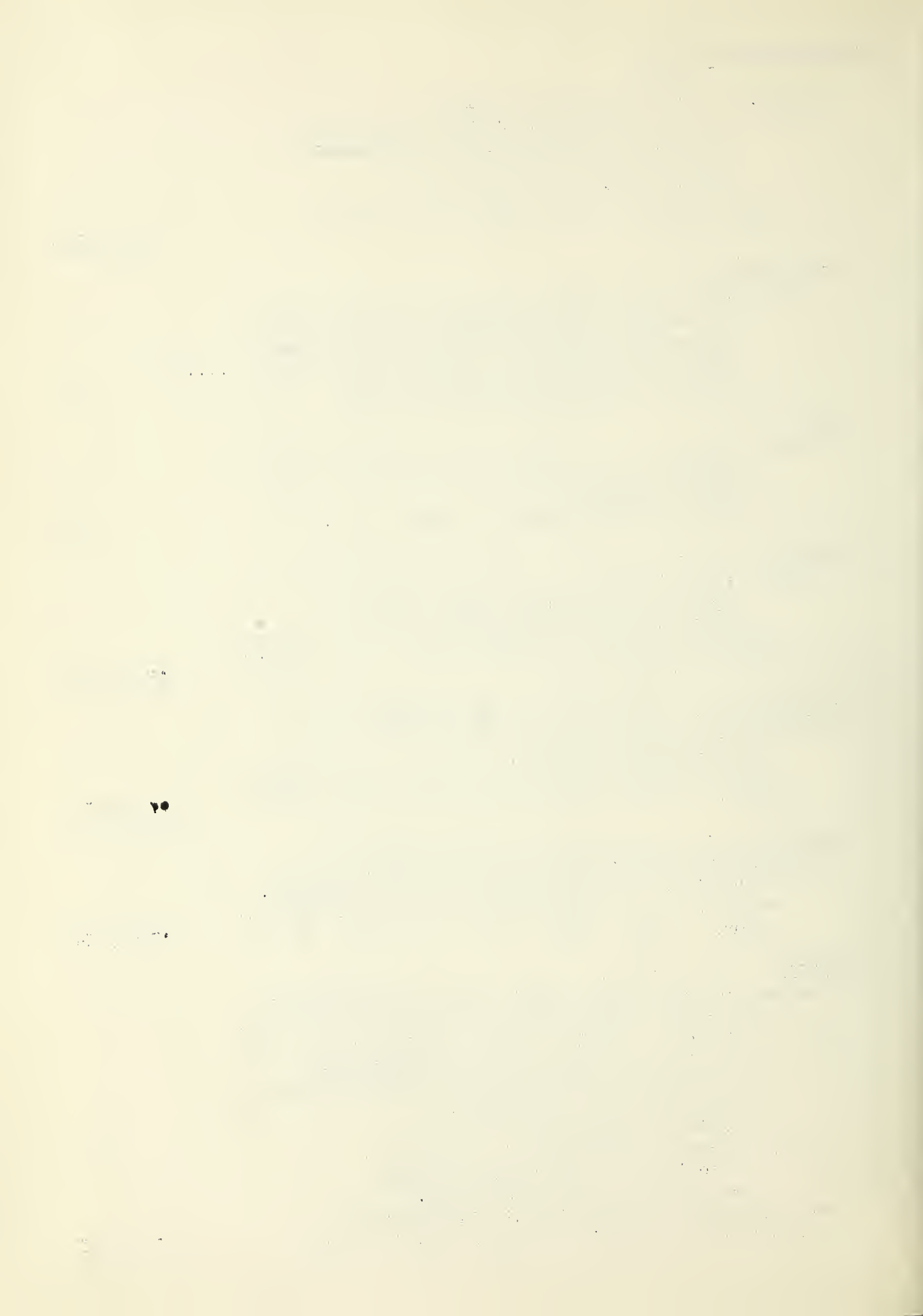
JIVOIN, P., and others.\*

Cercetari asupra eficacitatii vaccinului antiaftos concentrat saponinat folosit in focare de febra aftoasa la taurine. (Investigations on the efficiency of the concentrated antiaphtous vaccine with saponin adjuvant employed in foci of aphtous fever in bovines.) English summary, p. 22.

In: Lucrarile Institutului de Cercetari Veterinare si Biopreparate "Pasteur"  
Vol. 4(3-4):11-24, 1965(1967).

\*O. Mihaescu, O. Eustafievici, Gh. Niculescu, V. Lazenta, P. Balasiu, T. Ripas, and Gh. Vascan.

SF 745 I6



KHAZIPOV, N.Z.

Kontsentratsiya vnutrikletochnykh aminokislot v kul'ture kletok pochechnogo epiteliya svinei i ee zavisimost' ot zarazheniya virusom yashchura. (The concentration of intracellular amino acids in a culture of pig kidney epithelial cells and its dependence on infection with foot and mouth disease.)  
Uch. Zap. Kazan. Vet. Inst. 97:187-190, 1966.  
From: REF ZH BIOL, No. 1M226, 1967.  
Biol. Abstr. 48(20):9142(102732), 1967.

PIL

KNOWLES, J.R.

Report to the Government of Ethiopia on veterinary services and disease control.  
Rome, Food Agr. Organ. UN, UN Develop. Program.  
FAO Rep. No. TA 2363, 41 p., 1967.

#6923

KRASNIKOV, G.A.

Elektronno-mikroskopicheskoe izucheniya nekotorykh osobennostei stroeniya virusa yashchura. (Electron-microscopic study of some specific structural features of the foot-and-mouth disease virus.)  
In: Biofizika kletki. (Cell biophysics.)  
Nauka: Moscow. 5-8, 1965. From: REF ZH BIOL, 1966, No. 11B175.  
Biol. Abstr. 48(19):8643(97038), 1967.

BIL

LEBEDEV, A.I.

Preparation of infectious RNA from foot and mouth disease virus.  
In: "Problemy immuniteta sel'skokhoz. zhivotnykh" ed. by Ya. R. Kovalenko, pp. 73-79, 1966 (R.).  
Index Vet. 35(1):118, 1967.

BIL

LIKHACHEV, N.V., and others.\*

Foot and mouth disease vaccine from virus grown in suspensions of calf kidney cells.  
Veterinariya (Moscow) (1):24-25, 1967.  
Foot and Mouth Dis. Bull. (Wellcome Res. Lab., Kent) 6(11):132, 1967.  
\*I.V. Zvyagin, R.A. Makhnyuk, T.L. Fedorova, N.V. Kazantseva, V.A. Molochnikov, S.D. San'Kov, and N. Ya. Zueva.

SF 793 W4

McKERCHER, P.D., and GIORDANO, A.R.

The immune response of swine to chemically-treated foot-and-mouth disease virus.  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:397, 1967.

SF 605 I48

MACKOWIAK, C., and FONTAINE, J.

Utilisation du virus deproteine pour la preparation du vaccin antiaphteux.  
English summary.  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:383-386, 1967.

SF 605 I48



FOOT-AND-MOUTH DISEASE

MARCHUK, A.T., and FORTUSHNYI, V.A.

Treatment of foot and mouth disease mastitis.

Veterinariya, Moscow No. 1:86-88, 1967. (R.).

Index Vet. 35(1):130, 1967.

PIL

MASIAS S., F.

Adaptacion del virus aftoso el cultivo por el metodo de Frenkel cepa "O" Urubamba-Peru. (Adaptation of foot-and-mouth disease virus strain type "O", Urubamba-Peru, cultivated by Frenkel method.)

English summary, p. 65.

Rev. Centro Nac. Patol. Anim. (Peru) 6(10): 61-65, 1966.

CIRC.FILE

MOHR, O.

Symptoms and differential diagnosis.

Schweiz. Arch. Tierheilk. 109:291-297, 1967.

English summary.

Vet. Bull. 37(11):821(4655), 1967.

PIL

MOOSBRUGGER, G.A.

Les vaccins antiaphteux. (Foot-and-mouth disease vaccines.)

Schweiz. Arch. Tierheilk. 109(6):332-337, 1967.

English summary.

Vet. Bull. 37(11):821(4655), 1967.

PIL &  
#6931

MOWAT, G.N.

The development and evaluation of attenuated foot-and-mouth disease virus vaccines.

Thesis, Reading 1964.

Index Vet. 35(1):139, 1967.

PIL

MUNTIU, N., and others.\*

Cercetari pentru obtinerea unui vaccin antiaftos concentrat din virus multiplicat pe culturi de celule renale de porc. (Investigations for a concentrated vaccine from FMDV multiplied on pig kidney cell cultures.)

English summary, p. 8.

In: Lucrarile Institutului de Cercetari Veterinare si Biopreparate "Pasteur" Vol. 4(3-4):3-10, 1965(1967).

\*V. Dohotaru, R.S. Daniel, and A. Bercan.

SF 745 I6

MUNTIU, N., and others.\*

Cercetari privind valoarea comparativa a reactiilor de fixare a complementului, imunocromatografiei, seroneutralizarii pe culturi de celule si precipitarii in gel la identificarea tipurilor de virus aftos. (Investigations concerning the comparative value of the reactions of complement fixation, immunochromatography and serum

(over)



## FOOT-AND-MOUTH DISEASE

MUNTIU, N., and others.\* (continued)

neutralization on cell cultures and in gel precipitations for the identification of the types of FMD virus.)

English summary, p. 30.

In: *Lucrarile Institutului de Cercetari Veterinare si Biopreparate "Pasteur"*  
Vol. 4(3-4):25-32, 1965(1967).

\*A. Bercan, V. Dohotaru, and St. Voicu.

SF 745 I6

MUNTIU, N., and others.\*

Incercari de apreciere a duretei de conservare a vaccinului antiiaftos concentrat saponinat prin stabilirea duratei de imunitate, pe bovine. (Immunity duration in cattle as a means of appreciating conservation of a concentrated saponine-containing FMD vaccine.)  
English summary, p. 38.

In: *Lucrarile Institutului de Cercetari Veterinare si Biopreparate "Pasteur"*  
Vol. 4(3-4):33-40, 1965(1967).

\*V. Dohotaru, E. Pasat, and I. Marinescu.

SF 745 I6

MUNTIU, N., DOHOTARU, V., and BERCAN, A.

Recherches experimentales sur les proprietes immunisantes de la souche exotique A1 (A550/1965) du virus aphteux.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:397, 1967.

SF 605 I48

NIKITIN, E.E.

Zu der Frage der physikalischen und chemischen Inaktivierung des Maul-und-Klauenseuche - Viruses.  
English summary.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:391-394, 1967.

SF 605 I48

NURIEV, G.G.

Change of total protein, protein fractions, sialic acid level, and properdin in calves' blood serum after immunisation against foot-and-mouth disease.

Uchen. Zap. Kizhev. Vet. Inst. 97:159-162, 1966.  
Foot and Mouth Dis. Bull. (Wellcome Res. Lab., Kent) 6(11):132, 1967.

SF 793 W4

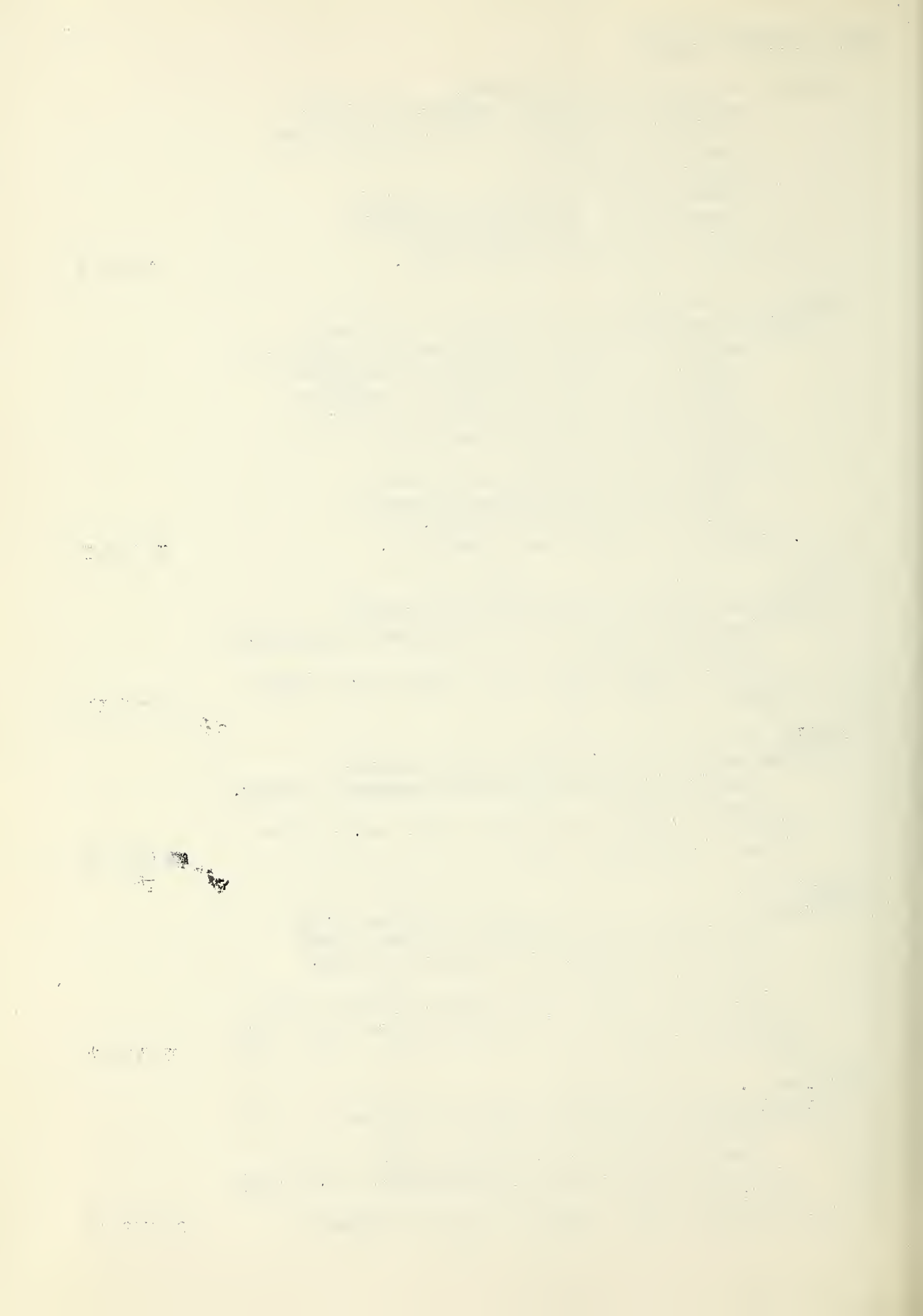
ONUFRIEV, V.P., and others.\*

Investigation of sera hyperimmune to foot and mouth disease.

Voprosy vet. Virus. 2:620-621, 1966.  
Foot and Mouth Dis. Bull. (Wellcome Res. Lab., Kent) 6(11):132, 1967.

\*I.K. Kravets, Yu.F. Shvetsov, and V.M. Zakharov.

SF 793 W4



FOOT-AND-MOUTH DISEASE

ONUFRIEV, V.P., SHVEYSOV, Y.F., and DUDNICOV, A.I.

Some aspects of immunology of foot-and-mouth disease.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:398, 1967.

SF 605 I48

OZSOY, A.

Etlik Veteriner Bakteriyoloji Kontrol ve Arastirma Enstitusunun 1966 yili Calismalari. (Activities of Etlik Veterinary Control and Research Institute during the year of 1966.)

[Vaccines and other biological drugs.]

Etlik Vet. Bakteriyol. Enst. Dergisi 3(1-2):1-6 (in English) 7-13, 1966.

PIL

PEARSON, W.E.

Great Britain struggles to end foot-and-mouth disease.

[ "The current foot-and-mouth epidemic, now in its eighth week, is the worst in Britain's history, prompting efforts there and elsewhere to stamp out this dread disease." ]

Foreign Agr. (USDA) 5(51):12-13, 1967.

CIRC, FILE

POLYAKOV, A.A., and others.\*

Dry steam disinfection of milk from herds with foot and mouth disease.

Veterinariya, Moscow No. 1:89-91, 1967 (R.).

Index Vet. 35(1):167, 1967.

\*Ya.M. Kolomiets, A.G. Milyanovskii, and A.A. Rozov.

PIL

PROST, E., and BOJARSKI, J.

Survival of pathogenic micro-organisms in composted abattoir waste. II. Foot and mouth disease virus.

Medycyna Wet. 23:233-234, 1967 (Pol.).

Vet. Bull. 37(11):822(4664), 1967.

PIL

RESPALDIZA CARDENOSA, E.

Iratamiento de la fiebre aftosa de ovinos con clorhidrato de tenildiamina.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:455, 1967.

SF 605 I48

RESPALDIZA UGARTE, E., and RESPALDIZA CARDENOSA, E.

La fiebre aftosa enfermedad alergizante.

Rev. Patronato Biol. Anim., Madrid, 1967.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.2:799, 1967.

SF 605 I48

RESPALDIZA UGARTE, E., and RESPALDIZA CARDENOSA, E.

Iratamiento de la fiebre aftosa de bovinos con clorhidrato de tenildiamina.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:455, 1967.

SF 605 I48



FOOT-AND-MOUTH DISEASE

- REVENKOV, A.G., TSUVERKALOV, D.A., and GRUNINA, L.F.  
Carbohydrate metabolism in cultures of pig embryo  
kidney cells infected with foot and mouth  
disease virus.  
Veterinariya, Moscow No. 1:20-24, 1967 (R.).  
Index Vet. 35(1):176, 1967. PIL
- SOCIETY OF SWISS VETERINARIANS. MEETING ON FOOT  
AND MOUTH DISEASE, 7th-9th March 1967.  
[Papers presented.]  
Schweiz. Arch. Tierheilk. 109:289-343, 1967.  
Vet. Bull. 37(11):821(4655), 1967. PIL
- SUFFOLK SUN.  
N.Y. State prepares to fight disease.  
Suffolk Sun, December 22, 1967. #6926
- TRUBITSYN, B.I., and SERGEEV, V.A.  
Svoistva virusa yashchura v zavisimosti ot  
temperatury vyrashchivaniya. (Properties of  
the foot-and-mouth disease virus as affected  
by the temperature of culture.)  
Sel'skokhoz. Biol. 1(3):465-473, 1966.  
English summary.  
Biol. Abstr. 48(20):9119(102468), 1967. PIL
- UBERTINI, B.  
Las vacunas inactivadas contra la fiebre aftosa  
preparadas con virus cultivados sobre celulas  
renales de ternero, de cerdo y sobre celulas  
BHK 21.  
English summary.  
World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:387-390, 1967. SF 605 I48
- VERVOORN, D.J.  
Aspects of the control of the foot-and-mouth  
disease epizootic 1965-1966.  
(Du) Tijdschr. Diergeneesk. 92(Suppl.1):77-86, 1967.  
[Europe.]  
English summary.  
Bibliogr. Agr. 31(11):97(85384), 1967. PIL
- WALSH, J.  
Foot-and-mouth disease: Britain strives to  
curb epidemic.  
Science 158(3807):1435-1437, 1967. PIL
- WERDELIN, C.  
The foot and mouth disease epidemic in Denmark  
in the spring of 1966.  
Medlemsbl. danske Dyrlaegeforen. 49:814-820,  
1966 (Da.).  
Index Vet. 35(1):227, 1967. PIL

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JOURNAL  
OF THE  
ROYAL ANTHROPOLOGICAL INSTITUTE

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FOOT-AND-MOUTH DISEASE

WITTMANN, G.

Inactivation of the virus, with special reference  
to its survival and to disinfection.

Schweiz. Arch. Tierheilk. 109:313-323, 1967.

English summary.

Vet. Bull. 37(11):821(4655), 1967.

PIL

ZIELKE, W.

Untersuchungen über die Wirkung der Maul- und  
Klauenseuche-Vakzination auf das weisse  
Blutbild des Rindes. (Effect of foot and mouth  
disease vaccination on the white blood picture  
of cattle.)

Inaug. Diss., Tierärztliche Hochschule,  
Hannover pp. 26, 1965 (G.).

Index Vet. 35(1):232, 1967.

PIL

FOWL PLAGUE

FOMINA, A.Ya., and SOKKAR, I.M.H.

Efficacy of some methods for serological diagnosis  
and differentiation of Newcastle disease and  
fowl plague viruses.

Trudy vses. Inst. eksp. Vet. 32:72-81, 1966 (R.).

Index Vet. 35(1):72, 1967.

PIL

GDOVINOVA, A., and others.\*

Application of the colour test in laboratory  
diagnosis of the classical fowl plague.

Vet. Med. Praha 12:19-26, 1967 (Slk.e.g.r.).

Index Vet. 35(1):79, 1967.

\*R. Polony, J. Vrtiak, and J. Zavadova.

PIL

RONDA, E., and others.\*

Behaviour of fowl-plague virus propagated in  
several kinds of cells.

Microbiol. Espan. 18(3/4):175-194, 1965.

Biol. Abstr. 48(2):794(8434), 1967.

\*A. Garcia-Gancedo, M<sup>a</sup> Luisa Alorso, Ma del Pilar  
Vlas, and E. Gallardo.

PIL

VRTIAK, O.J., and MARIITANCIK, B.

Study of fowl plague virus resistance in  
biological and technical material.

Bull. Office Int. Epizoot. 67(7-8):969-988, 1967.

PIL

VRTIAK, O.J., POLONY, R., and SUTTA, J.

Excretion of fowl plague virus by immune and  
non-immune fowls.

Bull. Office Int. Epizoot. 67(7-8):961-967, 1967.

PIL



LOUPING ILL

WALTON, G.A.

Relative status in Britain and Ireland of louping  
ill encephalitis virus.

J. Med. Ent. 4:161-167, 1967.  
Vet. Bull. 37(11):829(4710), 1967.

PIL

LUMPY SKIN DISEASE

FORBES, L.S.

Lumpy skin disease.

[Literature review; Bibliography, p.34-42.]  
Greenport, L.I., New York, U.S. Agricultural Research  
Service, Plum Island Animal Disease Laboratory, 42 p.,  
1967.

#6924

RIFT VALLEY FEVER

COACKLEY, W., PINI, A., and GOSDEN, D.

Experimental infection of cattle with pantropic  
Rift Valley fever virus.

Res. Vet. Sci. 8(4):399-405, 1967.

PIL

COACKLEY, W., PINI, A., and GOSDEN, D.

The immunity induced in cattle and sheep by  
inoculation of neurotropic or pantropic  
Rift Valley fever viruses.

Res. Vet. Sci. 8(4):406-414, 1967.

PIL

MAURICE, Y., and PROVOST, A.

Sondages serologiques sur les arboviroses  
animales en Afrique Centrale (peste equine,  
blue tongue, maladie de Wesselbronn, fièvre  
de la Vallée du Rift).

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:219, 1967.

605 I48

RINDERPEST

ATA, F.A., and SINGH, K.V.

Experimental infection of sheep and goats with  
attenuated and virulent strains of rinderpest  
virus.

Bull. Epizoot. Dis. Afr. 15(3):213-220, 1967.

PIL

BOEGEL, K., and PROVOST, A.

Possibilités de diagnostic en cas de suspicion de  
peste bovine dans des pays précédemment indemnes.  
English summary.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:435-438, 1967.

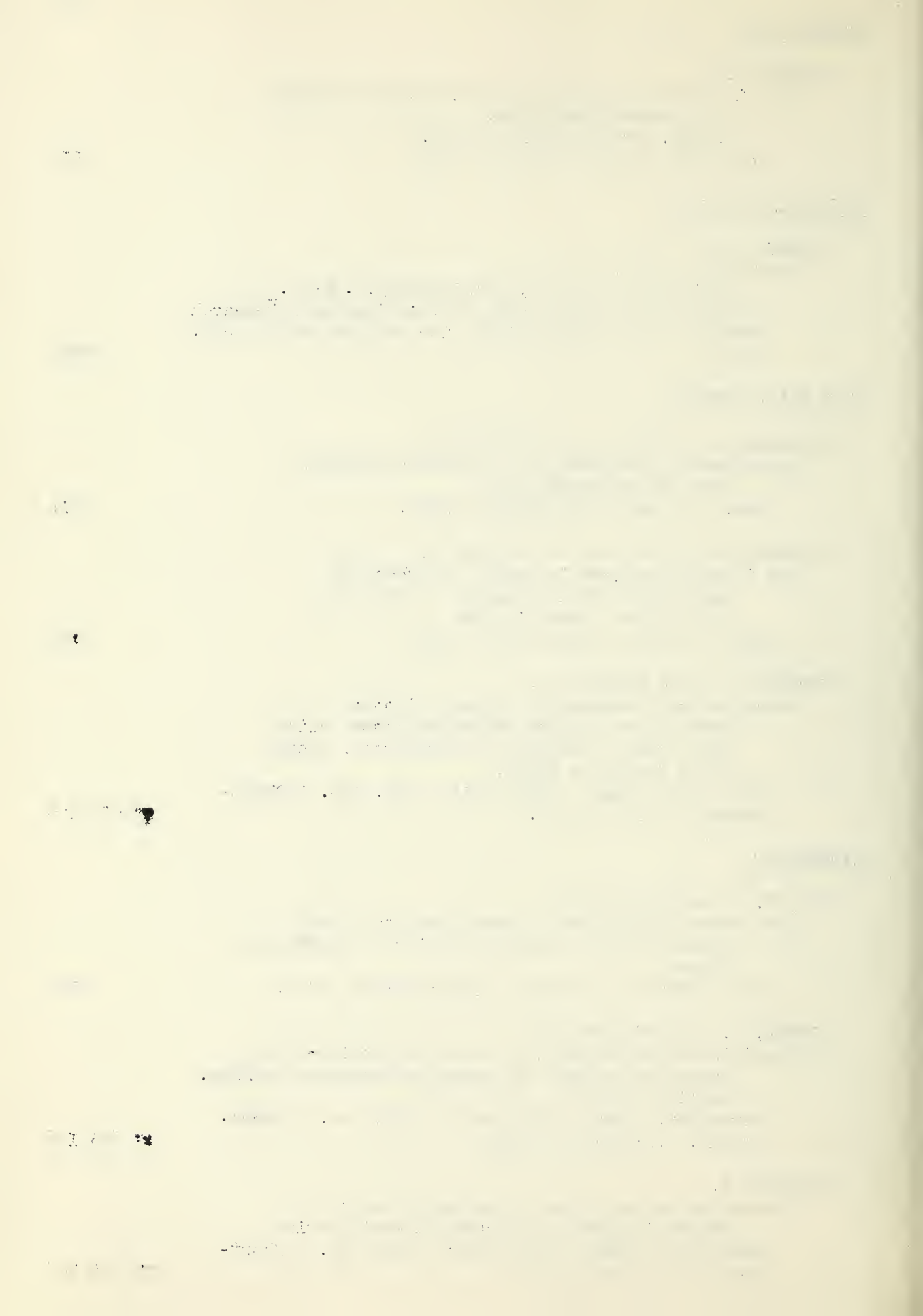
605 I48

BOURDIN, P.

Adaptation de la méthode cinétique de sero-  
neutralisation au virus de la peste bovine.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:443, 1967.

605 I48



RINDERPEST

HULSE, E.C.

Recent advances in the development of international standards for veterinary biological products.

[Vaccine.]

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:463-466, 1967.

SF 605 I48

KNOWLES, J.R.

Report to the Government of Ethiopia on veterinary services and disease control.

Rome, Food Agr. Organ. UN, UN Develop. Program. FAO Rep. No. TA 2363, 41 p., 1967.

#6923

LINDLEY, E.P.

Simultaneous vaccination of cattle with contagious bovine pleuropneumonia and goat-adapted rinderpest vaccine.

Bull. Epizoot. Dis. Afr. 15(3):221-226, 1967.

PIL

SCOTT, G.R.

Recovery of rinderpest precipitinogen and virus from dead cattle.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:439-442, 1967.

SF 605 I48

SINGH, K.V., and OSMAN, O.A.

Inactivation of rinderpest and ECBO viruses by hydroxylamine.

Acta Virol. 11(5):478, 1967.

PIL

SCRAPIE

ADAMS, D.H., and FIELD, E.J.

A plasma lactic dehydrogenase-elevating virus associated with scrapie-infected mice.

J. Gen. Virol. 1(4):449-454, 1967.

PIL

BROTHERSTON, J.G.

The spread of scrapie by contact: sheep-to-goat experiments.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.2:777, 1967.

SF 605 I48

SUBIALDEA, J.

Nervous pruritis, contagious "scrapie".

(Sp) Mex. Avicola 4(44):336-337, 1966.

[Of sheep.]

Bibliogr. Agr. 31(11):142(86936), 1967.

PIL

SHEEP POX

EL DAHABY, H., and others.\*

Investigations on an outbreak of cow pox with special reference to the disease in Egypt, U.A.R.

J. Arab Vet. Med. Ass. 26:11-24, 1966.

Vet. Bull. 37(11):825(4680), 1967.

PIL

\*A. El Sabbagh, M. Nassar, M. Kamell, and M. Iskander.

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations

which is the subject of the present paper. It is shown that the system of equations has a solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

2. In the second part of the paper, we consider the problem of the uniqueness of the solution of the system of equations. It is shown that the system of equations has a unique solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

3. In the third part of the paper, we consider the problem of the stability of the solution of the system of equations. It is shown that the system of equations has a stable solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

4. In the fourth part of the paper, we consider the problem of the asymptotic stability of the solution of the system of equations. It is shown that the system of equations has an asymptotically stable solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

5. In the fifth part of the paper, we consider the problem of the boundedness of the solution of the system of equations. It is shown that the system of equations has a bounded solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

6. In the sixth part of the paper, we consider the problem of the periodicity of the solution of the system of equations. It is shown that the system of equations has a periodic solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

7. In the seventh part of the paper, we consider the problem of the ergodicity of the solution of the system of equations. It is shown that the system of equations has an ergodic solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

8. In the eighth part of the paper, we consider the problem of the mixing of the solution of the system of equations. It is shown that the system of equations has a mixing solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

9. In the ninth part of the paper, we consider the problem of the recurrence of the solution of the system of equations. It is shown that the system of equations has a recurrent solution if and only if the matrix

is nonsingular. This is the main result of the paper. The proof of this theorem is given in the next section.

SHEEP POX

OZSOY, A.

Etlik Veteriner Bakteriyoloji Kontrol ve Arastirma  
Enstitusunun 1966 yili Calismalari. (Activities  
of Etlik Veterinary Control and Research  
Institute during the year of 1966.)

[Vaccines and other biological drugs.]  
Etlik Vet. Bakteriyol. Enst. Dergisi 3(1-2):1-6  
(in English) 7-13, 1966.

PIL

SHARMA, S.N.

Studies on sheep and goat pox viruses.

Summary of Thesis, Agra Univ. pp. 9, 1966.  
Vet. Bull. 37(11):825(4682), 1967.

PIL

TESCHEN DISEASE

DVORAK, J.

Ascorbemia in infectious encephalomyelitis of  
pigs in different dietary rations.

Sb. vys. Sk. zemed. Brne. Ser. B. 14,449-456,  
1966 (E.cz.r.).

Index Vet. 35(1):56, 1967.

PIL

VESICULAR STOMATITIS

BARON, S., and others.\*

Role of interferon during viremia. I. Production  
of circulating interferon.

J. Immunol. 96(1):12-16, 1966.

\*C.E. Buckler, R.V. McCloskey, and R.L. Kirschstein.

DIL

BARON, S., and others.\*

Role of interferon during viremia. II. Protective  
action of circulating interferon.

J. Immunol. 96(1):17-24, 1966.

\*C.E. Buckler, R.M. Friedman, and R.V. McCloskey.

PIL

BROWN, F., and others.\*

The ribonucleic acids of the infective and  
interfering components of vesicular  
stomatitis virus.

J. Gen. Virol. 1(4):479-486, 1967.

\*S.J. Martin, B. Cartwright, and J. Crick.

DIL

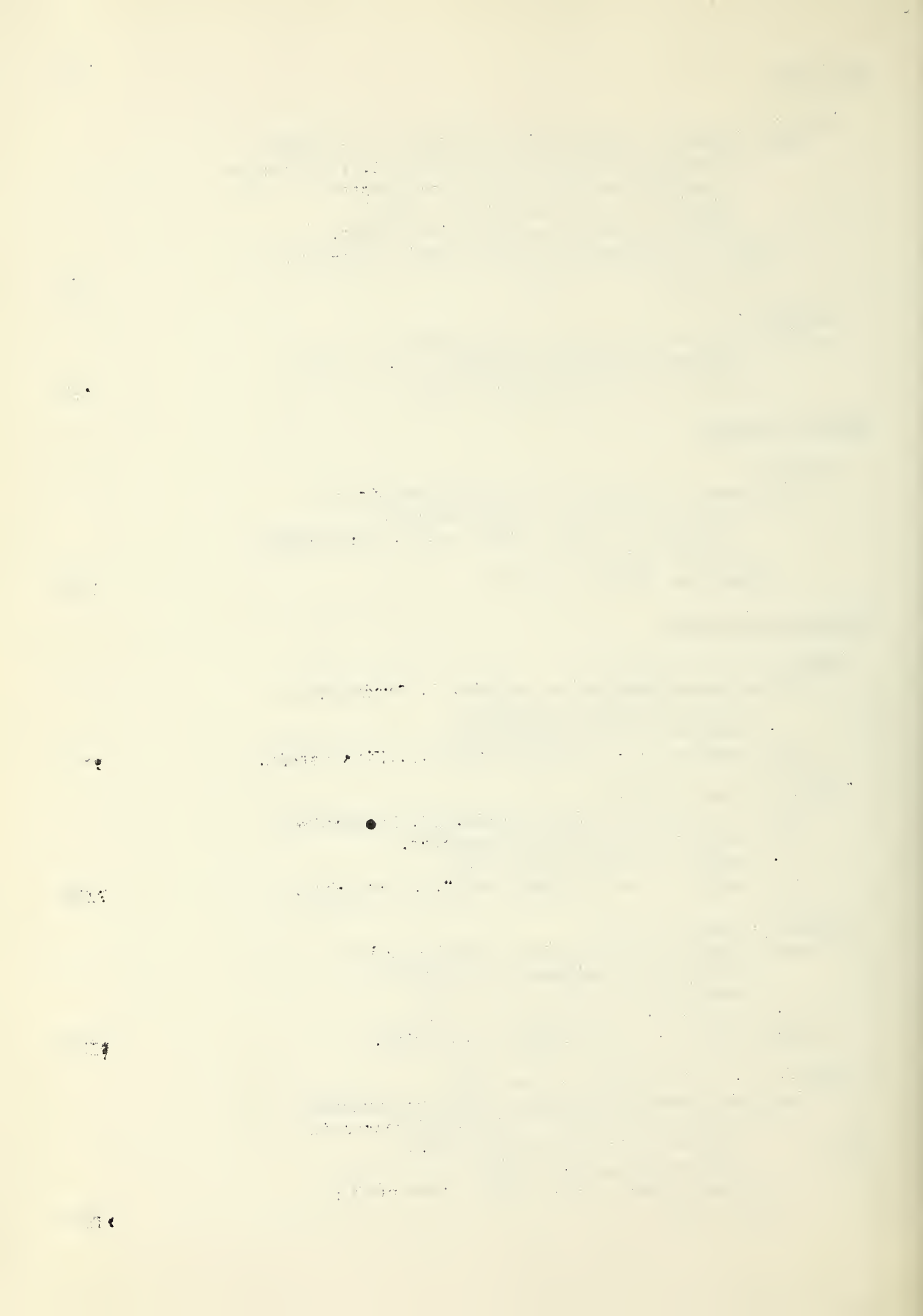
GOMEZ U., D., and MATTOS, R. de Vigil

Las enfermedades vesiculares en el Peru durante  
los anos 1964-1965. (Vesicular diseases in  
Peru during the years 1964-1965.)

English summary, p. 73-74.

Rev. Centro Nac. Patol. Anim. (Peru) 6(10):  
66-74, 1966.

DIL



VESICULAR STOMATITIS

PROBSTMEYER, F.B.A.

Comparative immunological characterization of  
vesicular stomatitis virus and its plaque  
type mutant.

Thesis abstract.

Diss. Abstr. 26(10):5660, 1966.

Biores. Index No. 10:4030(53446), 1967.

PIL

WESSELSBRON DISEASE

MAURICE, Y., and PROVOST, A.

Sondages serologiques sur les arboviroses  
animales en Afrique Centrale (peste equine,  
blue tongue, maladie de Wesselbronn, fièvre  
de la Vallée du Rift).

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:219, 1967.

SF 605 I48

MISCELLANEOUS

ANON.

How viruses switch cell's production line.

New Scientist 31(512):541, 1966.

Foot and Mouth Dis. Bull. (Wellcome Res. Lab., Kent)  
6(11):126(156), 1967.

~~SF 703~~ W4

HO, M.

The induction of interferons and related problems.

Jap. J. Exp. Med. 37(2):169-182, 1967.

PIL

MARBROOK, J.

Primary immune response in cultures of spleen cells.

Lancet 2(7529):1279-1281, 1967.

PIL

NAGANO, Y.

Studies on virus inhibiting factor.

Jap. J. Exp. Med. 37(2):183-187, 1967.

PIL

OKAZAKI, H.

Purification and properties of an inhibitory  
factor of virus infection.

Jap. J. Exp. Med. 37(2):159-168, 1967.

PIL

OLDSTONE, M.B.A., and DIXON, F.J.

Lymphocytic choriomeningitis: production of antibody  
by "tolerant" infected mice.

Science 158(3805):1193-1195, 1967.

PIL

PIERCE, A.E.

Immunization of the young animal. Passive  
immunization, selective transfer of immune  
globulins through bovine colostrum.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-  
Commun. v.1:407-410, 1967.

SF 605 I48



MISCELLANEOUS

SAROV, I., and BECKER, Y.

Studies on vaccinia virus DNA.

Virology 33(3):369-375, 1967.

PIL

SEGRE, D.

Acquisition of immunologic competence by young animals.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:411-414, 1967.

SF 605 I48

SOKOLIC, A., JOVANOVIC, M., and MOVSESIJAN, M.

Immunology of radiation vaccines.

English summary.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:139-142, 1967.

SF 605 I48

YORK, C.J.

An international animal virus characterization program.

World Vet. Congr., 18th Paris, 1967. Pap. & Short-Commun. v.1:23-26, 1967.

SF 605 I48













